

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/534,579
Source: IFWP
Date Processed by STIC: 7/13/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/534,579

CRF Edit Date: 2/13/06
Edited by: [signature]

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: invalid beginning/end-of-file text ; page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:

Revised 09/09/2003



IFWP

RAW SEQUENCE LISTING

DATE: 07/13/2006

PATENT APPLICATION: US/10/534,579

TIME: 09:11:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07132006\J534579.raw

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1 <110> APPLICANT: INCYTE CORPORATION; Jiang, Xin;
2      Becha, Shanya D.; BULLOCH, Sean A.;
3      CHANG, Hsin-Ru; CHAWLA, Narinder K.;
4      ELLIOTT, Vicki S.; EMERLING, Brooke M.;
5      GIETZEN, Kimberly J.; HAFALIA, April J.A.;
6      JACKSON, Alan A.; KABLE, Amy E.;
7      KHARE, Reena; LEE, Soo Yeun;
8      MARQUIS, Joseph P.; MURAGE, Jaji;
9      SWARNAKAR, Anita; YANG, Yonghong G.
11 <120> TITLE OF INVENTION: LIPID-ASSOCIATED MOLECULES
13 <130> FILE REFERENCE: PF-1618 PCT
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/534,579
C--> 16 <141> CURRENT FILING DATE: 2005-05-11
18 <150> PRIOR APPLICATION NUMBER: US 60/426,105
19 <151> PRIOR FILING DATE: 2002-11-13
21 <150> PRIOR APPLICATION NUMBER: US 60/433,215
22 <151> PRIOR FILING DATE: 2002-12-12
24 <150> PRIOR APPLICATION NUMBER: US 60/453,127
25 <151> PRIOR FILING DATE: 2003-03-07
27 <150> PRIOR APPLICATION NUMBER: US 60/454,801
28 <151> PRIOR FILING DATE: 2003-03-13
30 <150> PRIOR APPLICATION NUMBER: US 60/465,619
31 <151> PRIOR FILING DATE: 2003-04-24
33 <150> PRIOR APPLICATION NUMBER: US 60/465,495
34 <151> PRIOR FILING DATE: 2003-04-24
36 <150> PRIOR APPLICATION NUMBER: US 60/491,800
37 <151> PRIOR FILING DATE: 2003-08-01
39 <160> NUMBER OF SEQ ID NOS: 42
40 <170> SOFTWARE: PERL Program
42 <210> SEQ ID NO: 1
43 <211> LENGTH: 114
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
47 <220> FEATURE:
48 <221> NAME/KEY: misc_feature
49 <223> OTHER INFORMATION: Incyte ID No: 7511098CD1
51 <400> SEQUENCE: 1
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53   1           5           10           15
54 Gly Thr Ala Trp Ala Arg Arg Ser Gln Asp Leu His Cys Gly Ala
55           20           25           30
56 Cys Arg Ala Leu Val Asp Glu Leu Glu Trp Glu Ile Ala Gln Val
57           35           40           45

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Input Set : A:\PTO.AMC.txt

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58 Asp Pro Lys Lys Thr Ile Gln Met Gly Ser Phe Arg Ile Asn Pro
59                      50                      55                      60
60 Asp Gly Ser Gln Ser Val Val Glu Cys Glu Ser Ile Val Glu Glu
61                      65                      70                      75
62 Tyr Glu Asp Glu Leu Ile Glu Phe Phe Ser Arg Glu Ala Asp Asn
63                      80                      85                      90
66 Val Lys Asp Lys Leu Cys Ser Lys Arg Thr Asp Leu Cys Asp His
67                      95                      100                      105
68 Ala Leu His Ile Ser His Asp Glu Leu
69                      110
71 <210> SEQ ID NO: 2
72 <211> LENGTH: 87
73 <212> TYPE: PRT
74 <213> ORGANISM: Homo sapiens
76 <220> FEATURE:
77 <221> NAME/KEY: misc_feature
78 <223> OTHER INFORMATION: Incyte ID No: 7522037CD1
80 <400> SEQUENCE: 2
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82 1                      5                      10                      15
83 Leu Gly Phe Glu Val Gln Gly Thr Gln Gln Pro Gln Gln Asp Glu
84                      20                      25                      30
85 Met Pro Ser Pro Thr Phe Leu Thr Gln Val Lys Glu Ser Leu Ser
86                      35                      40                      45
87 Ser Tyr Trp Glu Ser Ala Lys Thr Ala Ala Gln Asn Leu Asp Leu
88                      50                      55                      60
89 Tyr Ser Lys Ser Thr Ala Ala Met Ser Thr Tyr Thr Gly Ile Phe
90                      65                      70                      75
91 Thr Asp Gln Val Leu Ser Val Leu Lys Gly Glu Glu
92                      80                      85
94 <210> SEQ ID NO: 3
95 <211> LENGTH: 248
96 <212> TYPE: PRT
97 <213> ORGANISM: Homo sapiens
99 <220> FEATURE:
100 <221> NAME/KEY: misc_feature
101 <223> OTHER INFORMATION: Incyte ID No: 7524271CD1
103 <400> SEQUENCE: 3
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105 1                      5                      10                      15
106 Thr Leu Cys Gly Pro Gly Thr Ala Ala Trp Thr Thr Ser Ser Leu
107                      20                      25                      30
108 Ala Cys Ala Gln Gly Pro Glu Phe Trp Cys Gln Ser Leu Glu Gln
109                      35                      40                      45
110 Ala Leu Gln Cys Arg Ala Leu Gly His Cys Leu Gln Glu Val Trp
111                      50                      55                      60
112 Gly His Val Gly Ala Asp Leu Ser Glu Gln Gln Phe Pro Ile Pro
113                      65                      70                      75
114 Leu Pro Tyr Cys Trp Leu Cys Arg Ala Leu Ile Lys Arg Ile Gln

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RAW SEQUENCE LISTING

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DATE: 07/13/2006

TIME: 09:11:02

Input Set : A:\PTO.AMC.txt

Output Set : N:\CRF4\07132006\J534579.raw

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115      80      85      90
116 Ala Met Ile Pro Lys Gly Ala Leu Ala Val Ala Val Ala Gln Val
117      95      100      105
118 Cys Arg Val Val Pro Leu Val Ala Gly Gly Ile Cys Gln Cys Leu
119      110      115      120
120 Ala Glu Arg Tyr Ser Val Ile Leu Leu Asp Thr Leu Leu Gly Arg
121      125      130      135
122 Met Leu Pro Gln Leu Val Cys Arg Leu Val Leu Arg Cys Ser Met
123      140      145      150
124 Asp Asp Ser Ala Gly Pro Arg Glu Trp Leu Pro Arg Asp Ser Glu
125      155      160      165
126 Cys His Leu Cys Met Ser Val Thr Thr Gln Ala Gly Asn Ser Ser
127      170      175      180
128 Glu Gln Ala Ile Pro Gln Ala Met Leu Gln Ala Cys Val Gly Ser
131      185      190      195
132 Trp Leu Asp Arg Glu Lys Cys Lys Gln Phe Val Glu Gln His Thr
133      200      205      210
134 Pro Gln Leu Leu Thr Leu Val Pro Arg Gly Trp Asp Ala His Thr
135      215      220      225
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138 Gln Cys Ile His Ser Pro Asp Leu
139      245
141 <210> SEQ ID NO: 4
142 <211> LENGTH: 906
143 <212> TYPE: PRT
144 <213> ORGANISM: Homo sapiens
146 <220> FEATURE:
147 <221> NAME/KEY: misc_feature
148 <223> OTHER INFORMATION: Incyte ID No: 7513132CD1
150 <400> SEQUENCE: 4
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152 1 5 10 15
153 Ala Pro Ser Asp Ala Glu Val Leu His Leu Cys Arg Ser Leu Glu
154 20 25 30
155 Val Gly Thr Val Met Thr Leu Phe Tyr Ser Lys Lys Ser Gln Arg
156 35 40 45
157 Pro Glu Arg Lys Thr Phe Gln Val Lys Leu Glu Thr Arg Gln Ile
158 50 55 60
159 Thr Trp Ser Arg Gly Ala Asp Lys Ile Glu Gly Ala Ile Asp Ile
160 65 70 75
161 Arg Glu Ile Lys Glu Ile Arg Pro Gly Lys Thr Ser Arg Asp Phe
162 80 85 90
163 Asp Arg Tyr Gln Glu Asp Pro Ala Phe Arg Pro Asp Gln Ser His
164 95 100 105
165 Cys Phe Val Ile Leu Tyr Gly Met Glu Phe Arg Leu Lys Thr Leu
166 110 115 120
167 Ser Leu Gln Ala Thr Ser Glu Asp Glu Val Asn Met Trp Ile Lys
168 125 130 135

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DATE: 07/13/2006

TIME: 09:11:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07132006\J534579.raw

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169 Gly Leu Thr Trp Leu Met Glu Asp Thr Leu Gln Ala Pro Thr Pro
170                               140                               145                               150
171 Leu Gln Ile Glu Arg Trp Leu Arg Lys Gln Phe Tyr Ser Val Asp
172                               155                               160                               165
173 Arg Asn Arg Glu Asp Arg Ile Ser Ala Lys Asp Leu Lys Asn Met
174                               170                               175                               180
175 Leu Ser Gln Val Asn Tyr Arg Val Pro Asn Met Arg Phe Leu Arg
176                               185                               190                               195
177 Glu Arg Leu Thr Asp Leu Glu Gln Arg Ser Gly Asp Ile Thr Tyr
178                               200                               205                               210
179 Gly Gln Phe Ala Gln Leu Tyr Arg Ser Leu Met Tyr Ser Ala Gln
180                               215                               220                               225
181 Lys Thr Met Asp Leu Pro Phe Leu Glu Ala Ser Thr Leu Arg Ala
182                               230                               235                               240
183 Gly Glu Arg Pro Glu Leu Cys Arg Val Ser Leu Pro Glu Phe Gln
184                               245                               250                               255
185 Gln Phe Leu Leu Asp Tyr Gln Gly Glu Leu Trp Ala Val Asp Arg
186                               260                               265                               270
187 Leu Gln Val Gln Glu Phe Met Leu Ser Phe Leu Arg Asp Pro Leu
188                               275                               280                               285
189 Arg Glu Ile Glu Glu Pro Tyr Phe Phe Leu Asp Glu Phe Val Thr
190                               290                               295                               300
191 Phe Leu Phe Ser Lys Glu Asn Ser Val Trp Asn Ser Gln Leu Asp
192                               305                               310                               315
193 Ala Val Cys Pro Asp Thr Met Asn Asn Pro Leu Ser His Tyr Trp
196                               320                               325                               330
197 Ile Ser Ser Ser His Asn Thr Tyr Leu Thr Gly Asp Gln Phe Ser
198                               335                               340                               345
199 Ser Glu Ser Ser Leu Glu Ala Tyr Ala Arg Cys Leu Arg Met Gly
200                               350                               355                               360
201 Cys Arg Cys Ile Glu Leu Asp Cys Trp Asp Gly Pro Asp Gly Met
202                               365                               370                               375
203 Pro Val Ile Tyr His Gly His Thr Leu Thr Thr Lys Ile Lys Phe
204                               380                               385                               390
205 Ser Asp Val Leu His Thr Ile Lys Glu His Ala Phe Val Ala Ser
206                               395                               400                               405
207 Glu Tyr Pro Val Ile Leu Ser Ile Glu Asp His Cys Ser Ile Ala
208                               410                               415                               420
209 Gln Gln Arg Asn Met Ala Gln Tyr Phe Lys Lys Val Leu Gly Asp
210                               425                               430                               435
211 Thr Leu Leu Thr Lys Pro Val Glu Ile Ser Ala Asp Gly Leu Pro
212                               440                               445                               450
213 Ser Pro Asn Gln Leu Lys Arg Lys Ile Leu Ile Lys His Lys Lys
214                               455                               460                               465
215 Leu Ala Glu Gly Ser Ala Tyr Glu Glu Val Pro Thr Ser Met Met
216                               470                               475                               480
217 Tyr Ser Glu Asn Asp Ile Ser Asn Ser Ile Lys Asn Gly Ile Leu
218                               485                               490                               495
219 Tyr Leu Glu Asp Pro Val Asn His Glu Trp Tyr Pro His Tyr Phe

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PATENT APPLICATION: US/10/534,579

DATE: 07/13/2006

TIME: 09:11:02

Input Set : A:\PTO.AMC.txt

Output Set : N:\CRF4\07132006\J534579.raw

220		500		505		510
221	Val Leu Thr Ser	Ser Lys Ile Tyr Tyr	Ser Glu Glu Thr Ser	Ser		
222		515		520		525
223	Asp Gln Gly Asn	Glu Asp Glu Glu Glu	Pro Lys Glu Val Ser	Ser		
224		530		535		540
225	Ser Thr Glu Leu	His Ser Asn Glu Lys	Trp Phe His Gly Lys	Leu		
226		545		550		555
227	Gly Ala Gly Arg	Asp Gly Arg His Ile	Ala Glu Arg Leu Leu	Thr		
228		560		565		570
229	Glu Tyr Cys Ile	Glu Thr Gly Ala Pro	Asp Gly Ser Phe Leu	Val		
230		575		580		585
231	Arg Glu Ser Glu	Thr Phe Val Gly Asp	Tyr Thr Leu Ser Phe	Trp		
232		590		595		600
233	Arg Asn Gly Lys	Val Gln His Cys Arg	Ile His Ser Arg Gln	Asp		
234		605		610		615
235	Ala Gly Thr Pro	Lys Phe Phe Leu Thr	Asp Asn Leu Val Phe	Asp		
236		620		625		630
237	Ser Leu Tyr Asp	Leu Ile Thr His Tyr	Gln Gln Val Pro Leu	Arg		
238		635		640		645
239	Cys Asn Glu Phe	Glu Met Arg Leu Ser	Glu Pro Val Pro Gln	Thr		
240		650		655		660
241	Asn Ala His Glu	Ser Lys Glu Trp Tyr	His Ala Ser Leu Thr	Arg		
242		665		670		675
243	Ala Gln Ala Glu	His Met Leu Met Arg	Val Pro Arg Asp Gly	Ala		
244		680		685		690
245	Phe Leu Val Arg	Lys Arg Asn Glu Pro	Asn Ser Tyr Ala Ile	Ser		
246		695		700		705
247	Phe Arg Ala Glu	Gly Lys Ile Lys His	Cys Arg Val Gln Gln	Glu		
248		710		715		720
249	Gly Gln Thr Val	Met Leu Gly Asn Ser	Glu Phe Asp Ser Leu	Val		
250		725		730		735
251	Asp Leu Ile Ser	Tyr Tyr Glu Lys His	Pro Leu Tyr Arg Lys	Met		
252		740		745		750
253	Lys Leu Arg Tyr	Pro Ile Asn Glu Glu	Ala Leu Glu Lys Ile	Gly		
254		755		760		765
255	Thr Ala Glu Pro	Asp Tyr Gly Ala Leu	Tyr Glu Gly Arg Asn	Pro		
256		770		775		780
257	Gly Phe Tyr Val	Glu Ala Asn Pro Met	Pro Thr Phe Lys Cys	Ala		
258		785		790		795
261	Val Lys Ala Leu	Phe Asp Tyr Lys Ala	Gln Arg Glu Asp Glu	Leu		
262		800		805		810
263	Thr Phe Ile Lys	Ser Ala Ile Ile Gln	Asn Val Glu Lys Gln	Glu		
264		815		820		825
265	Gly Gly Trp Trp	Arg Gly Asp Tyr Gly	Gly Lys Lys Gln Leu	Trp		
266		830		835		840
267	Phe Pro Ser Asn	Tyr Val Glu Glu Met	Val Asn Pro Val Ala	Leu		
268		845		850		855
269	Glu Pro Glu Arg	Glu His Leu Asp Glu	Asn Ser Pro Leu Gly	Asp		
270		860		865		870

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/534,579

DATE: 07/13/2006

TIME: 09:11:03

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\07132006\J534579.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing
(for reference only)**



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,579

DATE: 07/11/2006

TIME: 10:54:19

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

1 <110> APPLICANT: INCYTE CORPORATION; Jiang, Xin;
 2 Becha, Shanya D.; BULLOCH, Sean A.;
 3 CHANG, Hsin-Ru; CHAWLA, Narinder K.;
 4 ELLIOTT, Vicki S.; EMERLING, Brooke M.;
 5 GIETZEN, Kimberly J.; HAFALIA, April J.A.;
 6 JACKSON, Alan A.; KABLE, Amy E.;
 7 KHARE, Reena; LEE, Soo Yeun;
 8 MARQUIS, Joseph P.; MURAGE, Jaji;
 9 SWARNAKAR, Anita; YANG, Yonghong G.
 11 <120> TITLE OF INVENTION: LIPID-ASSOCIATED MOLECULES
 13 <130> FILE REFERENCE: PF-1618 PCT
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/534,579
 C--> 16 <141> CURRENT FILING DATE: 2005-05-11
 18 <150> PRIOR APPLICATION NUMBER: US 60/426,105
 19 <151> PRIOR FILING DATE: 2002-11-13
 21 <150> PRIOR APPLICATION NUMBER: US 60/433,215
 22 <151> PRIOR FILING DATE: 2002-12-12
 24 <150> PRIOR APPLICATION NUMBER: US 60/453,127
 25 <151> PRIOR FILING DATE: 2003-03-07
 27 <150> PRIOR APPLICATION NUMBER: US 60/454,801
 28 <151> PRIOR FILING DATE: 2003-03-13
 30 <150> PRIOR APPLICATION NUMBER: US 60/465,619
 31 <151> PRIOR FILING DATE: 2003-04-24
 33 <150> PRIOR APPLICATION NUMBER: US 60/465,495
 34 <151> PRIOR FILING DATE: 2003-04-24
 36 <150> PRIOR APPLICATION NUMBER: US 60/491,800
 37 <151> PRIOR FILING DATE: 2003-08-01
 39 <160> NUMBER OF SEQ ID NOS: 42
 40 <170> SOFTWARE: PERL Program

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

2711 <210> SEQ ID NO: 42
 2712 <211> LENGTH: 3814
 2713 <212> TYPE: DNA
 2714 <213> ORGANISM: Homo sapiens
 2716 <220> FEATURE:
 2717 <221> NAME/KEY: misc_feature
 2718 <223> OTHER INFORMATION: Incyte ID No: 7520475CB1
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 2722 gcctgatgca ccaagggcag tagaaagaga cttctgagca agaggaactg caagtgc aaa 120

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,579

DATE: 07/11/2006

TIME: 10:54:19

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

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2725 tcaggacctt ttcggccagg aatcctttgt gtttgaaccc aactgcctct tcaaagtgga 300
2726 tgagtttggc ttctttctga catggagaag tgaaggcaag gaaggacagg tgctagaatg 360
2727 ctccctcatc aacagtattc ggtcgggagc cataccaaag gatcccaaaa tcttggctgc 420
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2732 taagcaatgg gtagaaggcc tgagatcaat catacacaac ttcaggggcca acaacgtcag 600
2733 tccaatgaca tgcctcaaga aacactggat gaaattggca tttatgacca acacaaatgg 660
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2735 ctttcaagca ctcaaggagt taggtcttcc cagtggaaag aatgatgaaa ttgagccac 780
2736 agcattttct tatgaaaagt tctatgaact gacacaaaag atttgcctc ggacagatat 840
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2739 ttatgatgcc aaaagggcaa tgcagatcat tgagatgtat gaacctgatg aagatttgaa 1020
2740 gaaaaaaggc cttatatcaa gtgatgggtt ttgcagatat ctgatgtcag atgaaaacgc 1080
2741 cccagtcttc ctagatcgtt tagaacttta ccaagaaatg gaccatcctc tggctcacta 1140
2742 cttcatcagt tcttcccata acacttatct cactggcaga cagttcggcg ggaagtcttc 1200
2743 ggtagaaatg tacagacagg ttctcctggc tggttgcaga tgtgttgaaac ttgactgctg 1260
2744 ggatggaaaa ggtgaagacc aagaaccaat aataactcat ggaaaagcaa tgtgtacaga 1320
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2748 tgaacaggc agggcctttgc catcccccac tgacctcaaa agaaaaatac tcataaaaaa 1560
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2752 tgatgacttg ggtcacagg aagctgttgc aaatagcgtc aagaagggcc tggctactgt 1800
2753 agaagatgag caggcgtgga tggcatctta taaatatgta ggtgctacca ctaatatcca 1860
2754 tccacatttg tccacaatga tcaactacgc ccagcctgta aagtttcaag gtttccatgt 1920
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2756 ctacttgaag acacatgcaa ttgaatttgt caattataac aaacggcaaa tgagtcgcac 2040
2757 ttaccccaag ggaggccgag tgcattccag taattacatg cctcagattt tctggaacgc 2100
2758 tggctgccag atggtttcac tgaactatca aacccagat ttagcgatgc aattgaatca 2160
2759 gggaaaaatt gagtataatg gatcgtgcgg gtaccttctc aaaccagatt tcatgaggcg 2220
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2763 gggttatgaat aatggactca atccagttta caatgaagag tcatttgtat ttcggaagg 2460
2764 gatcctgccg gacctggctg tcttgagaat agctgtgtat gatgataaca acaagctgat 2520
2765 tggccagagg atcctcccgc ttgatggcct ccaagccgga tatcgacaca ttcccttcg 2580
2766 aaatgaggga aataaaccat tatcactacc aacaattttc tgcaatattg ttcttaaaac 2640
2767 atatgtgcct gatggatttg gagatatcgt ggatgcttta tcagatccaa agaaatttct 2700
2768 ctcaattaca gaaaagagag cagaccaaag gagagctatg ggcattgaaa ctagtgcac 2760
2769 agccgacgtg cccagtgaac cttccaaaaa tgacaagaaa ggaaaggcca acaccgcaa 2820
2770 agcaaatgtg acccctcaga gtagctctga gctcagacca accaccagg ctgccctggc 2880
2771 ctctggtgtg gaagccaaga aaggtattga acttatccct caagtaagga tagaagact 2940
2772 aaagcagatg aaggcttact tgaagcattt aaagaaacag cagaaggagc taaattcttt 3000
2773 aaagaagaaa catgcaaagg aacacagtac catgcagaag ttactactga cgcaagttga 3060

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RAW SEQUENCE LISTING

DATE: 07/11/2006

PATENT APPLICATION: US/10/534,579

TIME: 10:54:19

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

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2775 aatgaagaag aaggggggaa gtaattgtct cgaaatgaaa aaagaaacag aaatcaaaat 3180
2776 tcagacgctg acatcagatc acaaatctaa gggaaagcaa ggaaatgcga gcacaccagg 3240
2777 ctaagatttc tatggaaaat agcaaagcca tcagccaaga taaatctatc aagaataaaag 3300
2778 cagaacggga aaggcgagtc agggagttaa acagcagcaa cactaaaaag tttctggaag 3360
2779 aaagaaagag acttgccatg aagcagtcca aagaaatgga tcagttgaaa aaagtccagc 3420
2780 ttgaacatct agaattccta gagaaacaga atgagcagct tttgaaatcc tgtcatgcag 3480
2781 tgtcccaaac gcaaggcgaa ggagatgcag cagatggtga aattggaagc cgagatggac 3540
2782 cgagaccag caacagtagt atgaaactcc aaaatgcaaa ctgaagcagc aaaccacaaa 3600
2783 agcatcaaaa gactcactca caaacttctg aacacaaact ccattggatga aagctgttta 3660
2784 ttttgtttcc tttatgtgta aacaagatga tatctgaaac cagagagact tggaaatgtct 3720
2785 gactgacttc tatttaacag cttgagtatt gcatttcctt ggccaaacaa aatagctaca 3780
2786 aatccacaaa aataaacggg ttccagcaca ctga 3814
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E--> 2789 PF-1618 PCT

E--> 2795 1?2

VERIFICATION SUMMARY

DATE: 07/11/2006

PATENT APPLICATION: US/10/534,579

TIME: 10:54:20

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\07112006\J534579.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2789 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:2
L:2795 M:254 E: No. of Bases conflict, LENGTH:Input:2 Counted:3815 SEQ:42
L:2795 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:2795 M:252 E: No. of Seq. differs, <211> LENGTH:Input:3814 Found:3815 SEQ:42